

CALCIUM RED GREASE

Description:

High quality mineral base oils and additives produced by qualified performance-enhancing, high-fiber, water-resistant and calcium grease is suitable for multi-purpose use.

Performance Features and Benefits:

- Water-resistant and protects the system against to erosion and corrosion.
- Put the water out of sight by sticking on the metal surface very well and protects the material against to rust.
- Allows high stability which is in the medium degree loads.
- Prevents from entering the foreign materials into systems and protects the system.
- In the usages where the temperature is not high, demonstrates excellent performance by providing fast and effective lubrication.

Application:

Used in the surroundings where the temperature is not high (<80°C) and the water is unavoidable. Used in the low-speed straight bearings working under the normal load, medium and high-speed bearings of which working temperature is not high, low-speed straight bearings, and in the lubrications of chassis. It can also be used for conveyors working in the open air and water pumps.

NLGI No:	1	2	3	METHOD
Color	Red	Red	Red	-
Soap Type	Ca	Ca	Ca	-
Penetration (25°C/60Storke)	310/340	265/295	220/250	ASTM D 217
Dropping Point, °C, min.	120	120	120	ASTM D 566
Working Temperature, °C, max.	95	95	95	-

CALCIUM RED GREASE Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 21/12/2023 Revision date: 19/11/2024 Supersedes version of: 06/01/2024 Version: 2.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : Calcium Red Grease
Product code : 65653
Type of product : CMO
Product group : Grease

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Main use category : Industrial use, Professional use, Consumer use
Industrial/Professional use spec : Non-dispersive use
Used in closed systems
Function or use category : Lubricants and additives

Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

FACO PETROL KİMYA SANAYİ DİŞ TİCARET LTD. ŞTİ.

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2. HAZARDS IDENTIFICATION

2.1. Classification of Article or Mixture

This product does not meet the classification criteria according to the Regulation (EC) No. 1272/2008.

2.2. Label Elements

This product does not meet the criteria for labelling according to the Regulation (EC) No. 1272/2008.

2.3 Other Damages

No danger is expected when the general precautions to be taken when working with mineral oil substances and chemical products, the warnings for use (section 7) and the instructions for personal protective equipment (section 8) are taken into account. Prevent the product from entering the nature uncontrolled.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable.

3.2. Mixtures

Mixture of base oil and performance additives.

Substance	EC No.	Cas No.	Concent.	Class., H Expressions
Lubrication oils (petroleum), Base oils; undefined	278-012-2	74869-22-0	85-90	

Some substances do not have classification according to current legislation. It has been classified by the manufacturer. The DMSO ratio is less than 3% according to IP346.

4. FIRST AID MEASURES

General information: Get medical attention if the discomfort continues.

4.1. Description of First Aid Measures

4.1.1. Inhalation: Immediately remove affected person to fresh air. Rinse nose and mouth with water. If discomfort continues, seek medical attention.

4.1.2 Ingestion: Should not be forced to vomit. The mouth should be washed with plenty of water. In case of nausea and other symptoms, a doctor should be consulted with the label of the swallowed substance.

4.1.3. Skin contact: Wash thoroughly with soap and water. The clothing contaminated with oil should be removed and the area where it touches the skin should be washed with water. If there is ongoing irritation on the skin, a doctor should be consulted.

4.1.4 Eye contact: After cleaning your hands, keep your eyelids away from each other and rinse with water for at least 15 minutes. If irritation persists, consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Causes severe eye irritation and is harmful if swallowed.

4.3 Indication of any immediate medical attention and special treatment needed:

Treat according to the symptoms.

5. FIRE FIGHTING MEASURES

5.1. Fire extinguishers

Suitable extinguishing media: Foam, dry chemical and spray water can be used for small fires. Fire department should be called in large-scale fires.

Unsuitable extinguishing media: Avoid contact with water.

5.2. Special hazards arising from the substance or mixture

Contains toxic gases after combustion. It can burn at high temperatures.

5.3. Advice for firefighters

Protective measures to be taken during fire fighting

Avoid breathing fire gases or vapours.

Special protective equipment for firefighters

Wear positive pressure self-contained breathing apparatus and suitable protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

The emergency team is notified. Unauthorized persons are removed from the environment. Any open flame sources that could cause the spilled product to catch fire are eliminated. When necessary, firefighting measures in section 8 are applied.

6.2. Environmental Precautions

Avoid water leakage, a protective ditch should be dug into sewage and drainage systems and/or a section should be established for dry sand, earth or similar absorbent materials. Use floating dams for water spills.

6.3. Methods and Materials for Containment and Cleaning Up

Absorb the spilled product with absorbent or inert matter. Store the waste material and the surface layer of oil-infected soil in a well-ventilated environment in closed containers. For disposal of waste, hand it over to the persons responsible for the disposal of hazardous waste appointed by the Ministry.

6.4. Other Information

No data available

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

By providing good ventilation in the working environment, it should be avoided to inhale the steam that may occur during use. Skin contact should be avoided and hygienic rules should be applied. Eye contact should be avoided and goggles or face mask should be used to prevent eye contact. Avoid eating, drinking and smoking while using the product. Disposable clothing should be used. Dispose of contaminated clothing without packaging. While taking oil from the barrel, protective shoes should be worn and appropriate means of transportation should be used.

7.2. Conditions for safe storage, including any incompatibilities

It should be stored in tanks and containers designed in accordance with the properties of the product. Storage tanks should be labelled and warning signs should be placed and kept closed when out of use. Warning signs on the tanks should not be removed. Since there may be some product in empty tanks, warning signs should not be removed. If the hydrocarbon vapor concentration in the tank is more than 1%, and oxygen concentration is less than 20%, an oxygen mask should be worn, and it should not be entered without a mask. Light hydrocarbons collect in the upper part of the storage tanks, so ignition is possible. Therefore, static electricity must be discharged. Measures should be taken against the sources of ignition during filling and evacuation. Equipment such as pump, etc. must be grounded or the transfer containers are connected with a cable in order to prevent static electricity from accumulated.

7.3. Specific End Uses

It is specified in section 1.2.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control Parameters

8.2. Exposure Controls

8.2.1. Appropriate engineering controls: Ensure that the environment is well ventilated.

8.2.2. Personal Protection Measures:



Respiratory Protection: Respiratory protection equipment is not required during normal operation. In special cases (such as spillage), a mask that protects the whole face should be worn, and in cases such as fire, protectors containing compressed air should be used.

Hand Protection: Gloves must be made of PVC or neoprene, and gloves resistant to petroleum derivatives should be used.

Eye Protection: Side-protected glasses or protective visor should be used where necessary.

Special Hygiene and Safety Measures; Smoking, eating and drinking are prohibited while carrying this product. Hands must be washed before each break.

Additional Warning: Oiled clothing and shoes should be removed immediately.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Semisolid

Colour: Red

Smell: Characteristic Odor Lubricant

pH Value: Not specified.

Soap Type :Calcium

Steam Pressure: No data

First Boiling Point: No data.

Solubility in Water: Insoluble.

Density at 15 °C kg/lit: No data

Dropping Point (°C) : No data

Flash Point: No data

Flammability Limit %: No data

NLGI: 00

10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal conditions.

10.2 Chemical Stability

No data available.

10.3 Possibility of Hazardous Reaction

There are no known hazardous products under normal conditions.

10.4 Conditions To Avoided

Excessive heat, high energy sources that will cause it to ignite.

10.5 Incompatible Materials

Flammable agents, strong oxidizers.

10.6. Hazardous decomposition products

In cases of combustion, carbon oxides (CO, CO₂) water vapor (H₂O), sulphur dioxide (SO₂) and undefined organic and inorganic compounds occur.

11. TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation: Long-term or repeated contact may cause irritation on the skin.

Serious Eye Damage/Irritation: Contact with the eye can cause temporary blindness and eye irritation.

Respiratory or Skin Sensitization: Inhalation of fog or smoke may irritate the eyes, nose and throat. Hot product vapor irritates the upper respiratory tract.

If swallowed: May cause nausea and diarrhea.

Germ Cell Mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive Toxicity: Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Single Exposure: Based on available data, the classification criteria are not met.

Aspiration Hazard: Based on available data, the classification criteria are not met.

LD50, Acute Toxicity Estimates or LC50: Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

It is not considered dangerous for the environment. It doesn't harm aquatic creatures. There is practically no toxic effect on marine life. However, this can lead to physical contamination of organisms.

12.2. Persistence and degradability

Inherently biodegradable. It has the ability to accumulate in the soil.

12.3. Bioaccumulative potential: No data available

12.4. Mobility in soil: No data available

12.5. Results of PBT and vPvB assessment: No data available.

12.6. Other adverse effects: No data available

13. DISPOSAL INFORMATION

13.1. Waste treatment methods:

Dispose of according to applicable regulations.

14. TRANSPORT INFORMATION

14.1. UN number: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.3. Transport hazard class(es): There is no required transport warning sign.

14.4. Packing group: Not applicable.

14.5. Environmental hazard: Avoid release to the environment.

14.6. Special precautions: Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislations specific for the substance or mixture

- Regulation (EC) No 1907/2006, (REACH),
- Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006,
- Regulation (EC) No 1272/2008 (CLP),
- Commission Directive 2006/15/EC,

- Commission Directive 2000/39/EC.
- ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road

15.2 Chemical safety assessment

A chemical safety assessment has not been performed for this product.

16. OTHER INFORMATION

This Product Safety Data Sheet has been prepared within the scope of the information received from our raw material suppliers, and the information regarding health, safety and environment in it has been given by examining the reliable sources available at the time the form was prepared.

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